

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 1-5, 11-14, and 21-28 are pending in the application, with 1 and 11 being the independent claims. Claims 6-10 and 15-20 are sought to be cancelled without prejudice to or disclaimer of the subject matter therein. New claims 21-28 are sought to be added. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 102

Claims 1, 6-10, and 15-20 were rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,147,605 to Vega *et al.* (hereinafter Vega). Applicants respectfully traverse the rejection, and request that it be withdrawn.

Independent claim 1, as amended, is reproduced below:

1. A radio frequency identification (RFID) integrated circuit (IC), comprising:
 - a first antenna pad;
 - a second antenna pad;
 - a first modulator coupled to said first antenna pad, wherein said first modulator is configured to backscatter modulate a first symbol received from said first antenna pad with a response symbol, wherein said first modulator is configured to output said backscatter modulated first symbol to said first antenna pad;
 - a second modulator coupled to said second antenna pad, wherein said second modulator is configured to backscatter modulate a second symbol received from said

second antenna pad with the response symbol, wherein said second modulator is configured to output said backscatter modulated second symbol to said second antenna pad;

a first charge pump coupled to said first antenna pad, said first charge pump configured to convert a first high frequency signal from said first antenna pad to a first substantially direct current (DC) voltage; and

a second charge pump coupled to said second antenna pad, said second charge pump configured to convert a second high frequency signal from said second antenna pad to a second substantially direct current (DC) voltage.

Applicants assert that Vega does not disclose each and every feature recited by claim 1. For example, Vega does not teach or even suggest a first charge pump and a second charge pump. Thus, for at least these reasons, claim 1 is patentable over Vega. Furthermore, new claims 21-23, which depend therefrom, are also patentable over Vega for at least these reasons, and further in view of their own features. Dependent claims 6-10 and 15-20 have been canceled. Thus, the rejection of claims 6-10 and 15-20 is moot. Applicants reserve the right to pursue the subject matter of claims 6-10 and 15-20 in a continuation application.

Accordingly, Applicants respectfully request that the rejection of claim 1 be reconsidered and withdrawn.

Rejections under 35 U.S.C. § 103

Claims 2-5 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vega. Applicants respectfully traverse the rejection, and request that it be withdrawn.

As described above, Vega does not teach or suggest each and every feature of claim 1. Applicants assert that claims 2-5, which depend therefrom, are also patentable

over Vega for at least these reasons, and further in view of their own features.

Accordingly, Applicants respectfully request that the rejection of claims 2-5 be reconsidered and withdrawn.

Other Matters

Claims 11-14 were not formally rejected in the Office Action. Thus, Applicants request that an explanation for the rejection of claims 11-14 be provided in a subsequent Office Action, or that their allowance be indicated, along with the allowance of new claims 24-28 which depend therefrom.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "J. S. Weaver", is written over a horizontal line.

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